CLAIMS:

1. An organic electroluminescent display panel comprising:

transparent electrodes with a striped pattern laid on a transparent substrate,

an insulating layer with a grate pattern, which converted from a photoresist by baking treatment, laid on said transparent electrode, optionally with a cathode separator formed thereon,

an organic luminous layer deposited on said transparent electrodes through apertures of said insulating layer, and

backside electrodes, which has a striped pattern extending along a direction crossing said transparent electrodes, laid on said organic luminous layer,

2. The organic electroluminescent display panel according to Claim 1, wherein the photoresist is a positive novolac, negative cyclized rubber or chemical amplified photoresist.

3. The organic electroluminescent display panel according to Claim 1, wherein the photoresist contains black pigment or dye.

4. A method of manufacturing an organic electroluminescent display panel, comprising the steps of:

providing a transparent substrate on which transparent electrodes are formed in a striped pattern,

applying a positive novolac, negative cyclized rubber or chemical amplified photoresist to said transparent substrate,

shaping the photoresist layer to a grate pattern,

converting said photoresist layer to an insulating layer free from water or a solvent by baking said photoresist layer,

optionally laying a cathode separator on said insulating layer,

and

successively depositing an organic luminous layer and backside electrodes on said transparent electrodes through apertures of said insulating layer.

5. The method of manufacturing an organic electroluminescent display panel according to Claim 4, wherein the organic luminous layer is of monolayered or multilayered structure containing an organic luminous substance.

6. The method of manufacturing an organic electroluminescent display panel according to Claim 4, wherein the photoresist layer is pre-baked in prior to formation of the cathode separator.